

Supplemental Table C : Hormonal status of the patients at inclusion

	Women			Men			All patients		
	no-TBI (n=5)	TBI (n=8)	p	no-TBI (n=7)	TBI (n=4)	p	no-TBI (n=12)	TBI (n=12)	p
GH (mUI/l; mean ± s.d.)	2.2 ± 2.6	2.6 ± 2.7	0.99	0.6 ± 0.7	0.3 ± 0.2	0.27	1.3 ± 1.9	1.9 ± 2.5	0.98
IGF-1 (ng/ml; mean ± s.d.)	116 ± 25	137 ± 51	0.68	156 ± 56	174 ± 32	0.48	138 ± 47	149 ± 47	0.54
TSH (mUI/L; mean ± s.d.)	2.5 ± 0.7	1.4 ± 1.2	0.09	2.9 ± 1.1	1.7 ± 1.0	0.11	2.6 ± 0.9	1.5 ± 1.1	0.006
T3 (pmol/L; mean ± s.d.)	6 ± 1	5 ± 1	0.13	6 ± 1	6 ± 0.5	0.10	6 ± 1	5 ± 1	0.01
T4 (pmol/L; mean ± s.d.)	18 ± 3	18 ± 3	0.82	16 ± 3	18 ± 3	0.75	17 ± 3	18 ± 3	0.6
oestradiol (pg/ml; mean ± s.d.)	130 ± 104	47 ± 43	0.15	NA	NA		130 ± 104	47 ± 43	0.15
testosterone (nmol/l; mean ± s.d.)	NA	NA		15 ± 8	10 ± 4	0.48	15 ± 8	10 ± 4	0.48
LH (UI/L; mean ± s.d.)	10 ± 9	17 ± 12	0.27	5 ± 2	9 ± 5	0.23	7 ± 6	15 ± 11	0.06
FSH (UI/L; mean ± s.d.)	7 ± 5	25 ± 23	0.07	8 ± 5	18 ± 9	0.07	8 ± 5	22 ± 19	0.01

FSH: follicle-stimulating hormone; GH: Growth hormone; IGF1: insulin-like growth factor 1 ;

LH: luteinizing hormone ; T3: triiodothyronine ; T4: thyroxine ; TBI: total body irradiation; TSH: thyroid-stimulating hormone